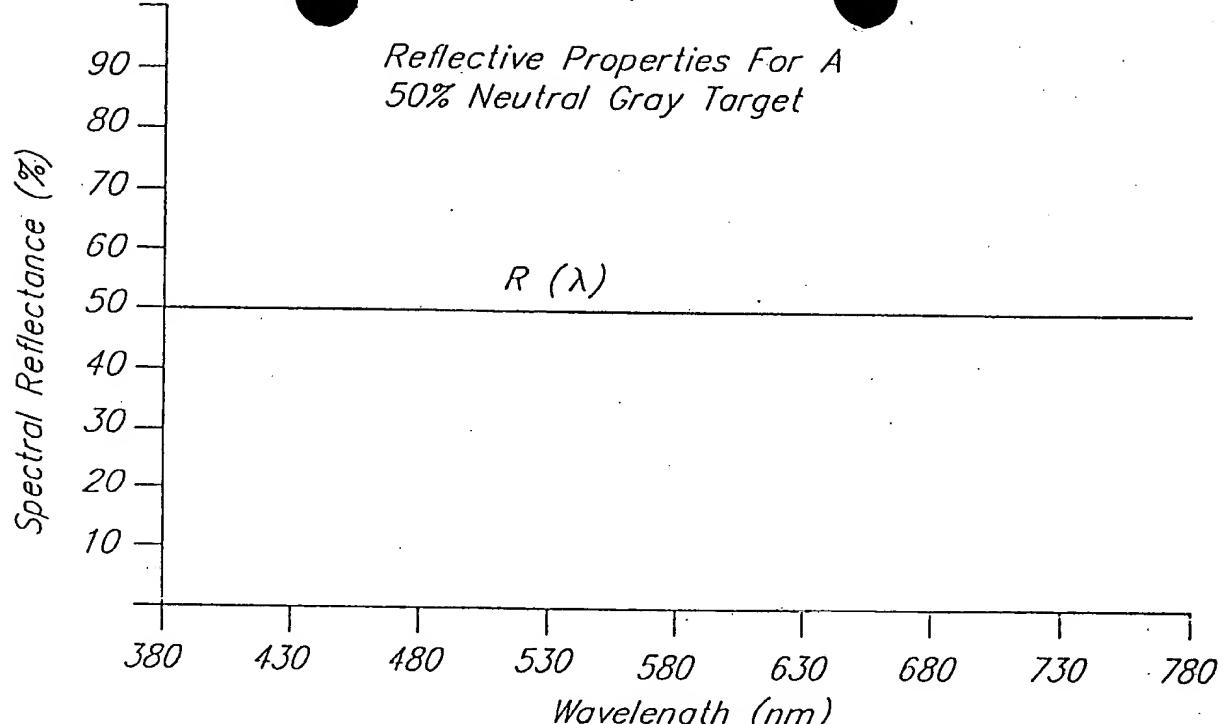
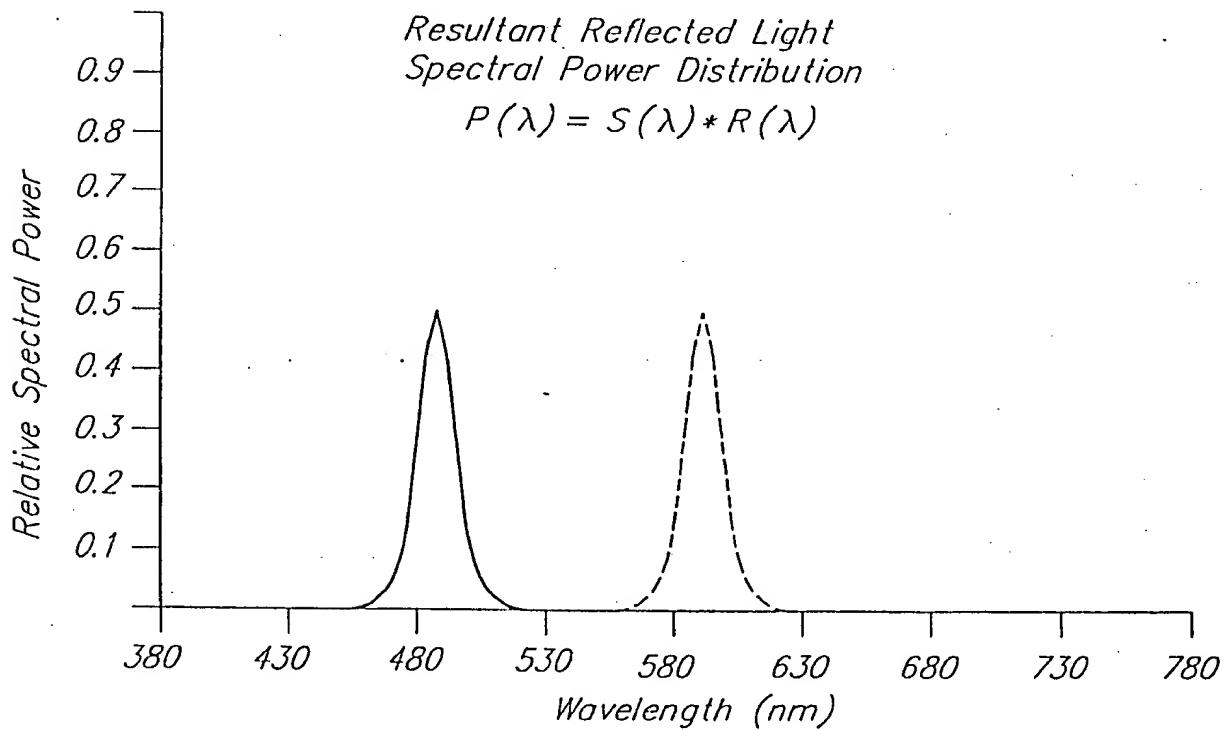


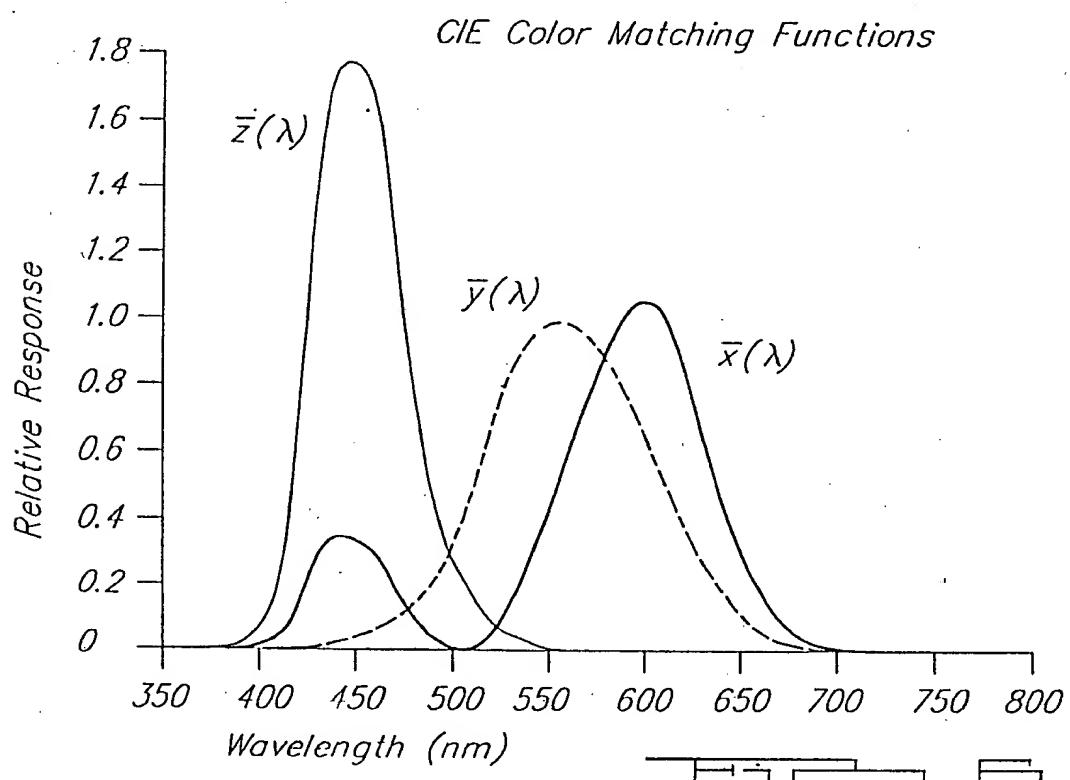
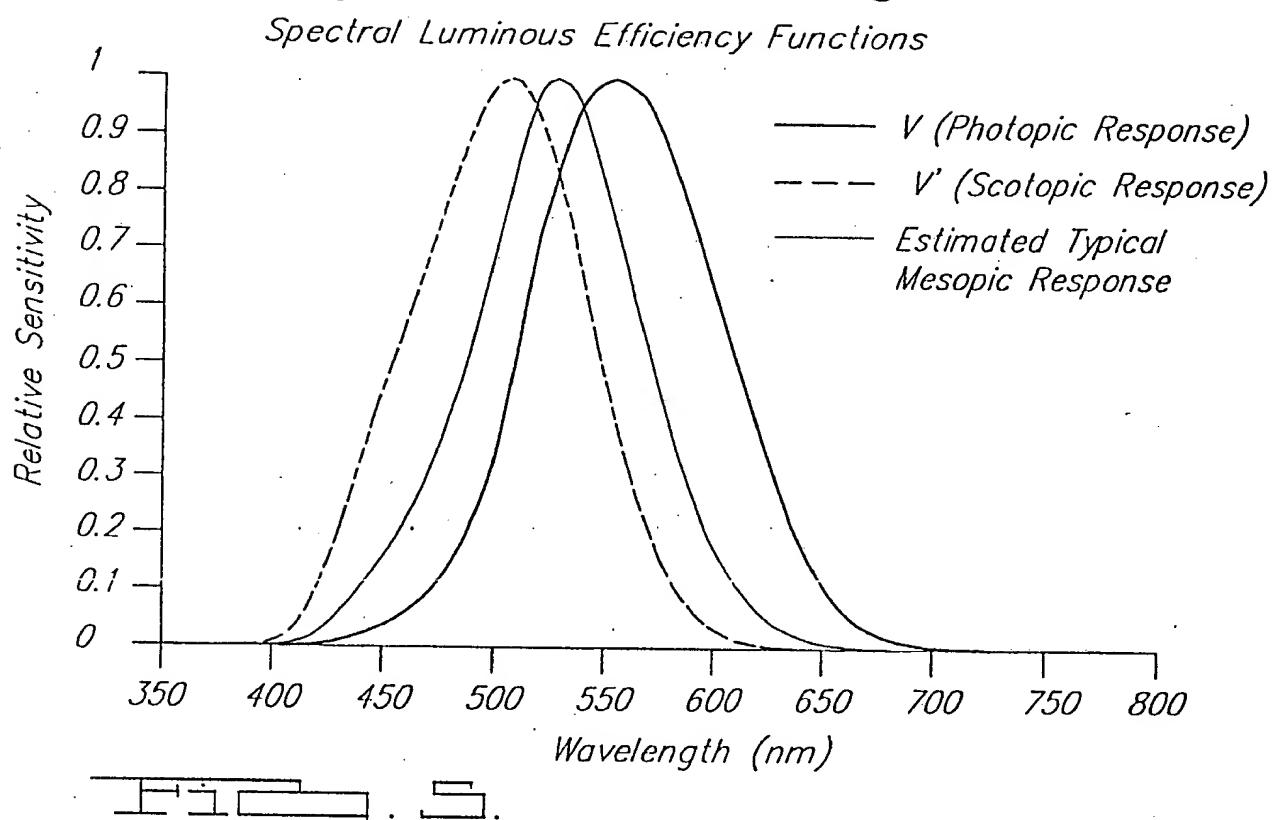
4A.



4B.

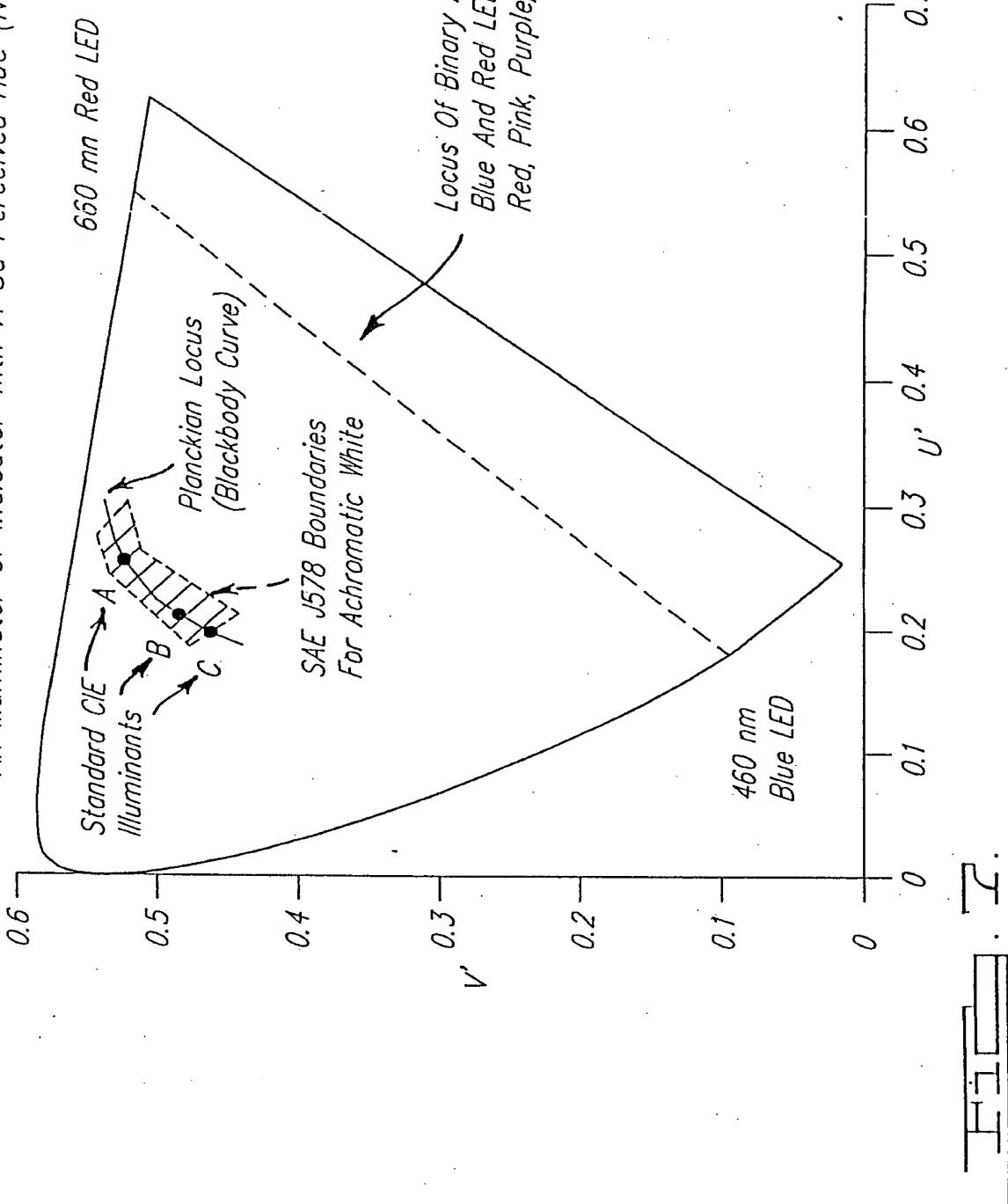


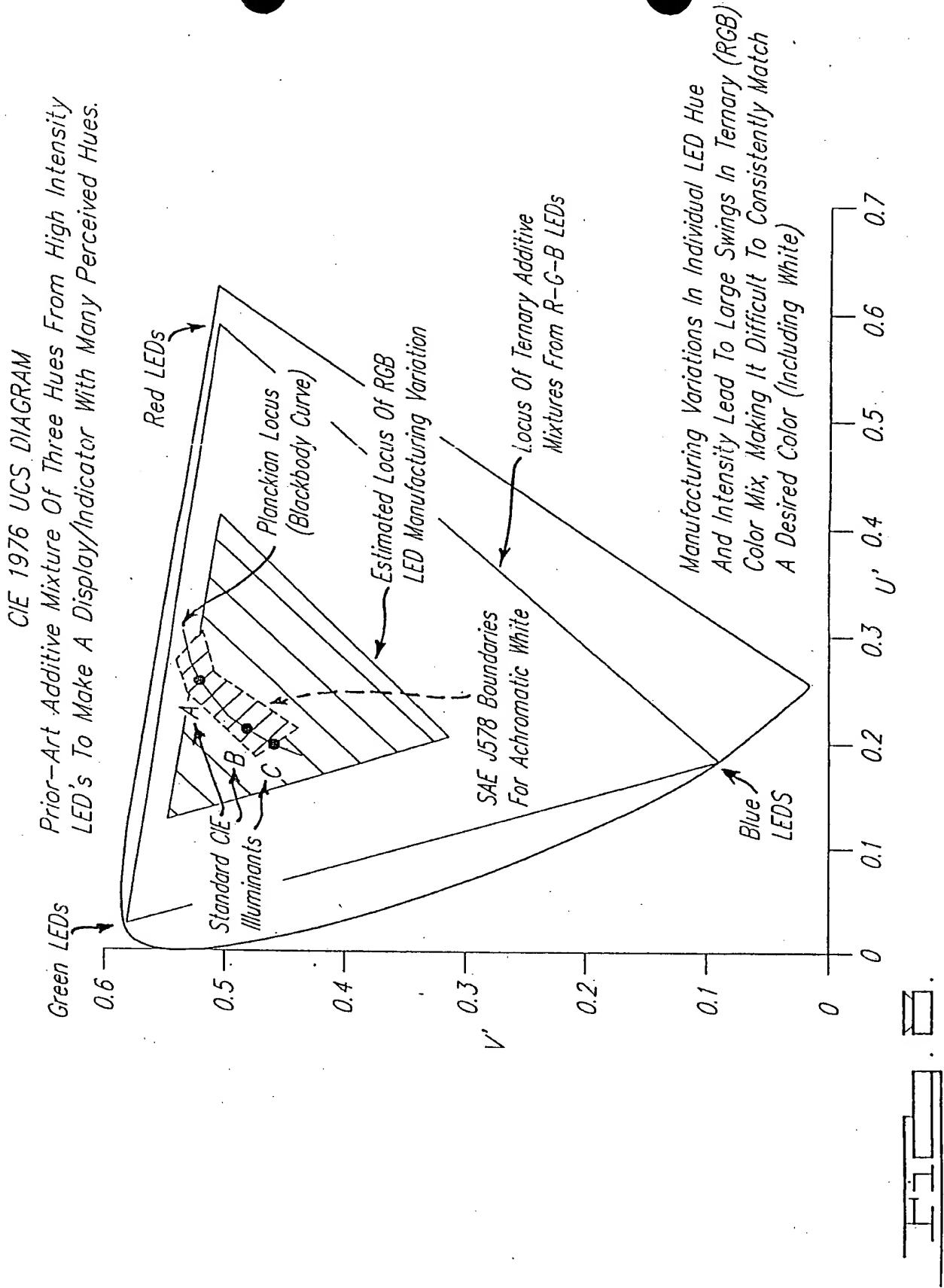
4C.



### CIE 1976 UCS DIAGRAM

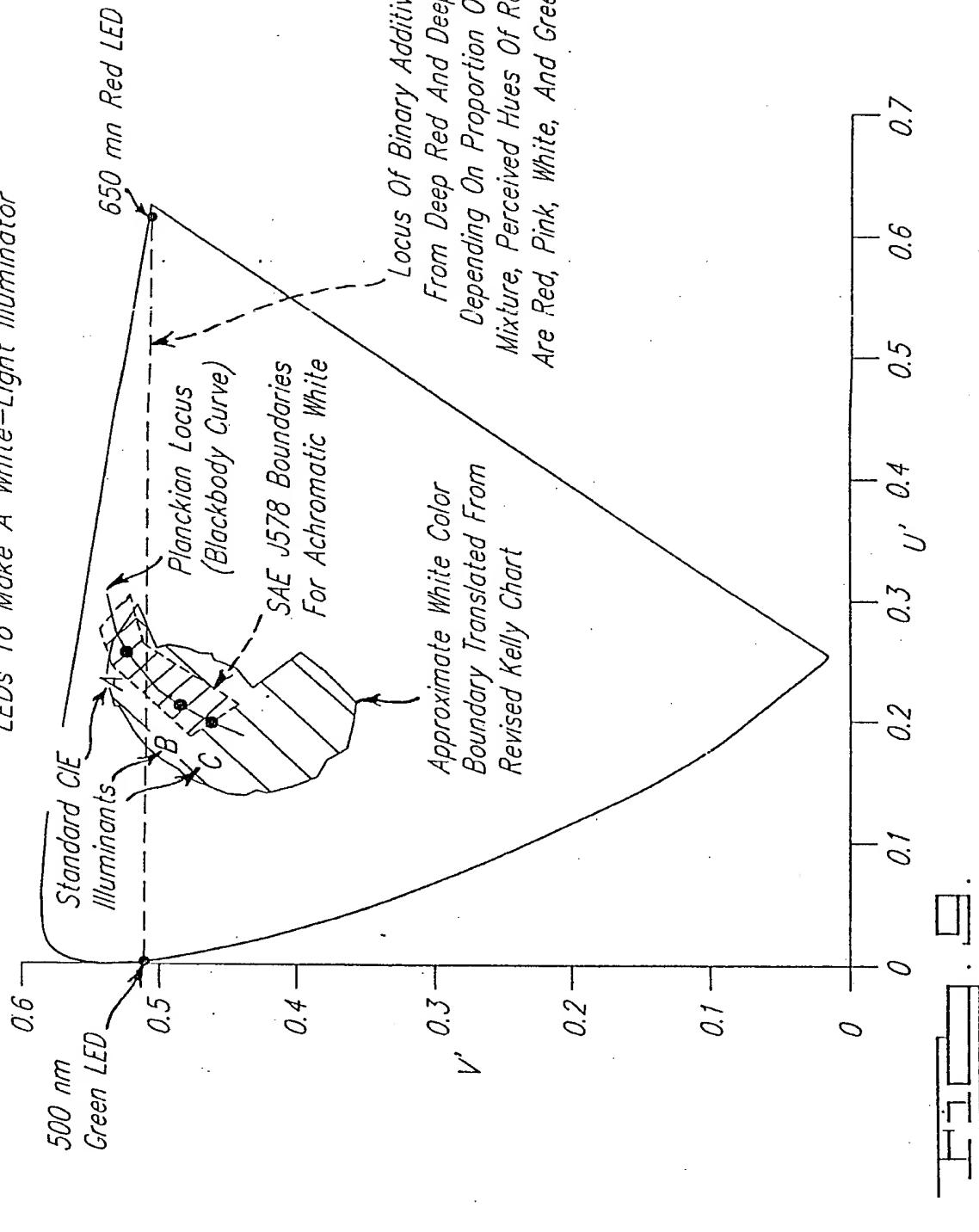
Additive Mixture Of Two Hues From High Intensity LED's To Make An Illuminator Or Indicator With A 3d Perceived Hue (Non-white)



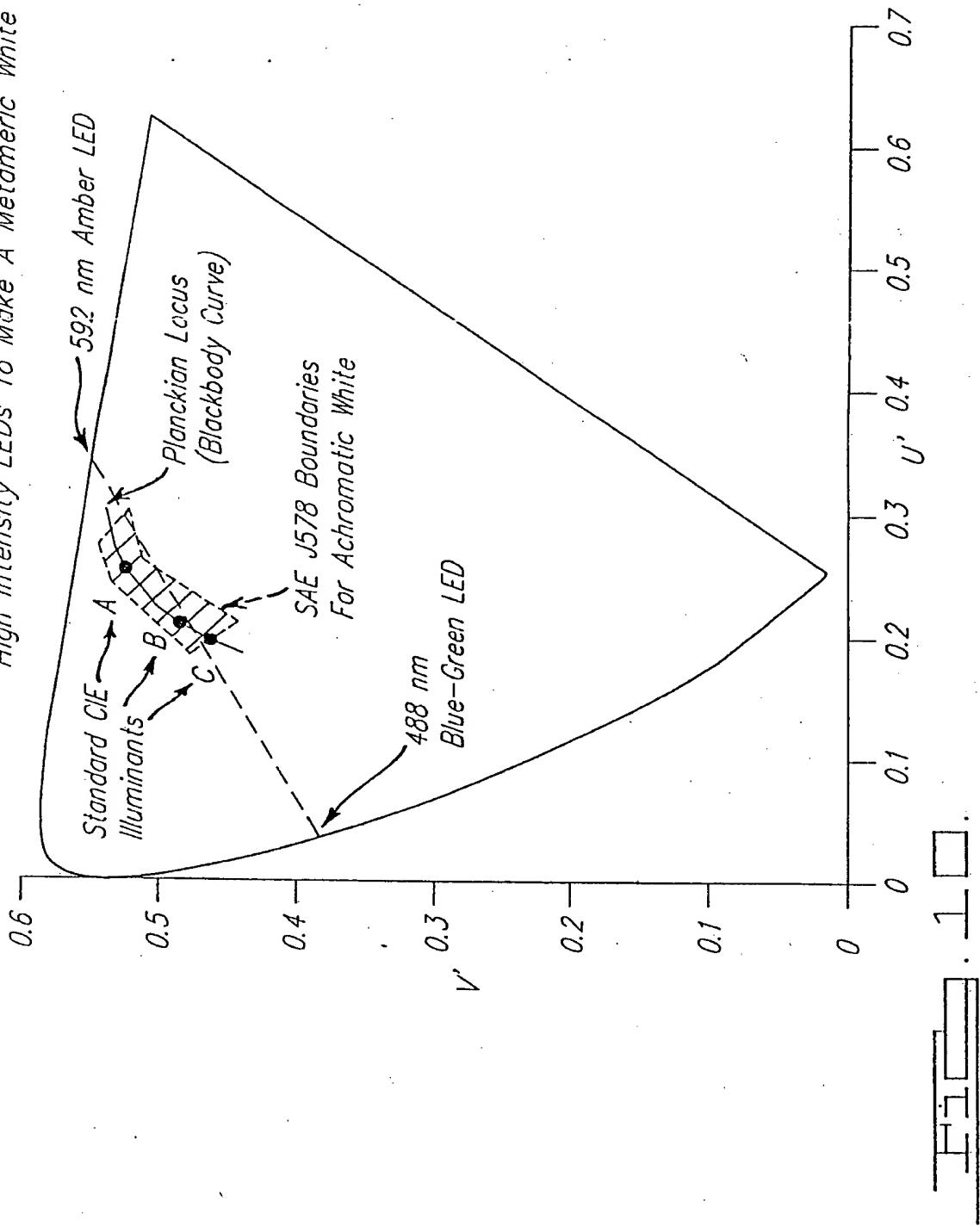


### CIE 1976 UCS DIAGRAM

Additive Mixture Of Two Hues From High Intensity  
LEDs To Make A White-Light Illuminator

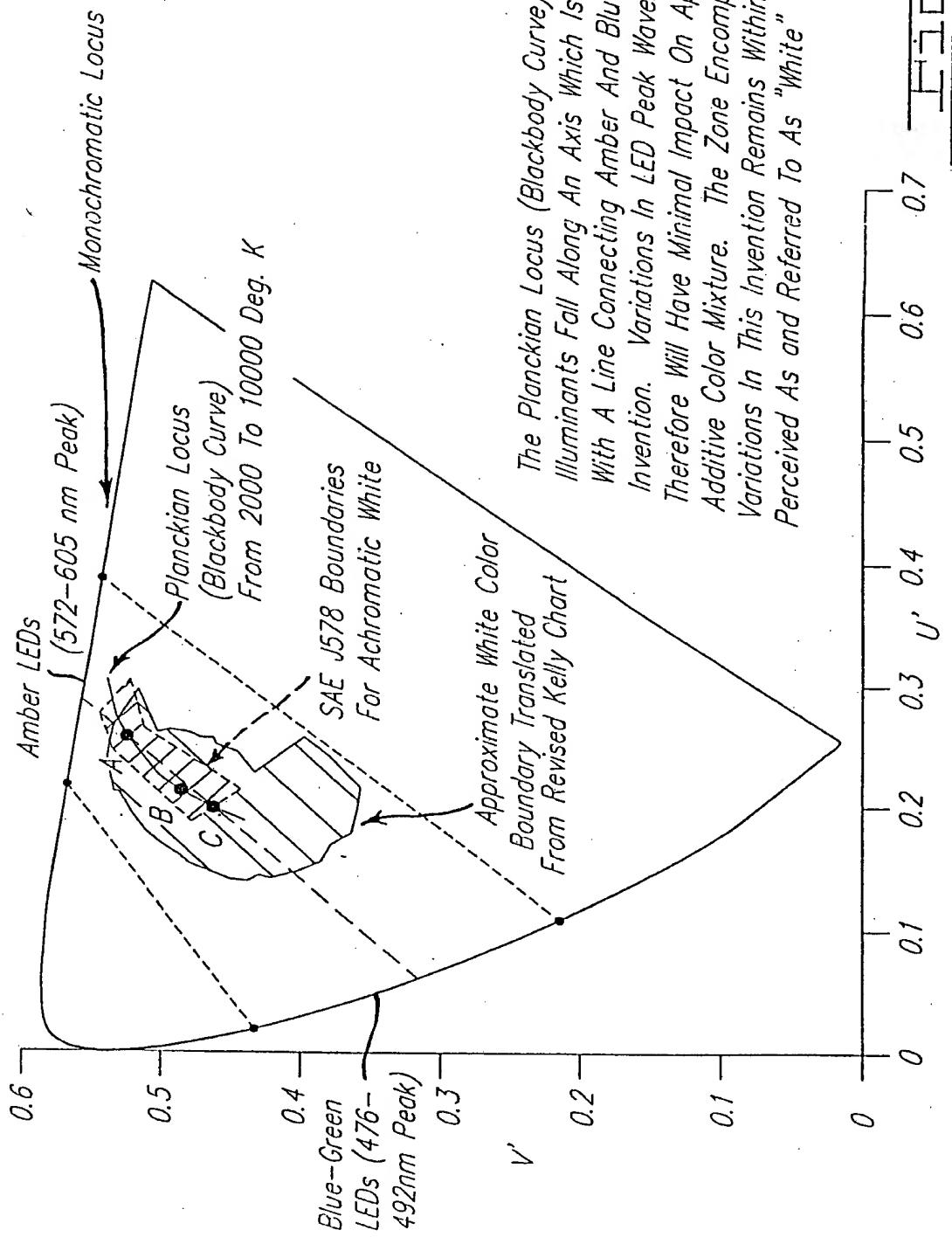


CIE 1976 UCS DIAGRAM  
Good Additive Mixture Of Two Complementary Hues From  
High Intensity LEDs To Make A Metameric White Illuminator

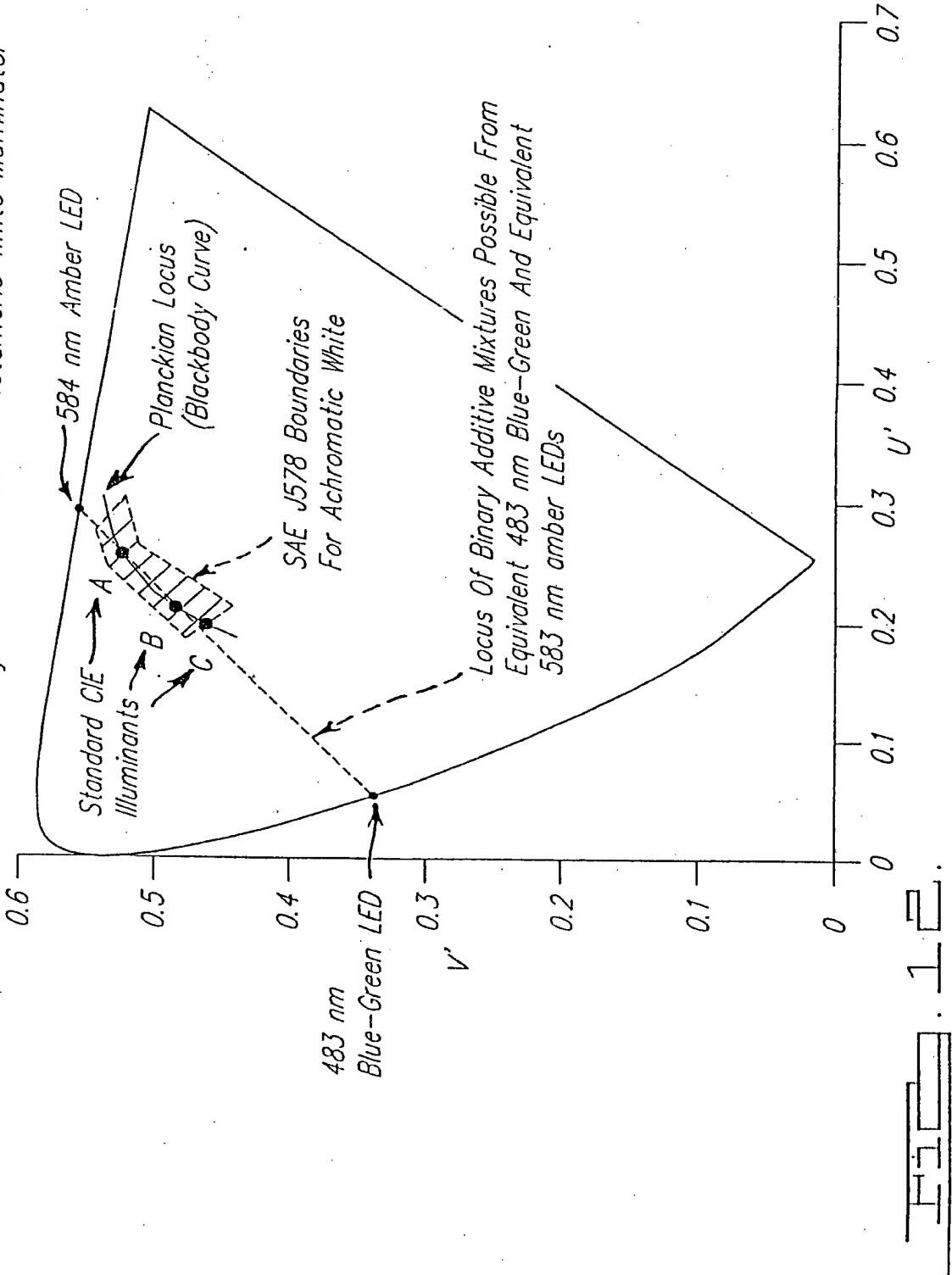


*2*

**cie 1976 ucs diagram**  
**Additive Mixture Of Two Complementary Hues From High Intensity LEDs To Make A Metameric White Illuminator (Amber And Blue-Green End-members Give Advantageous Tolerance To Individual LED Intensity And Hue Variations)**



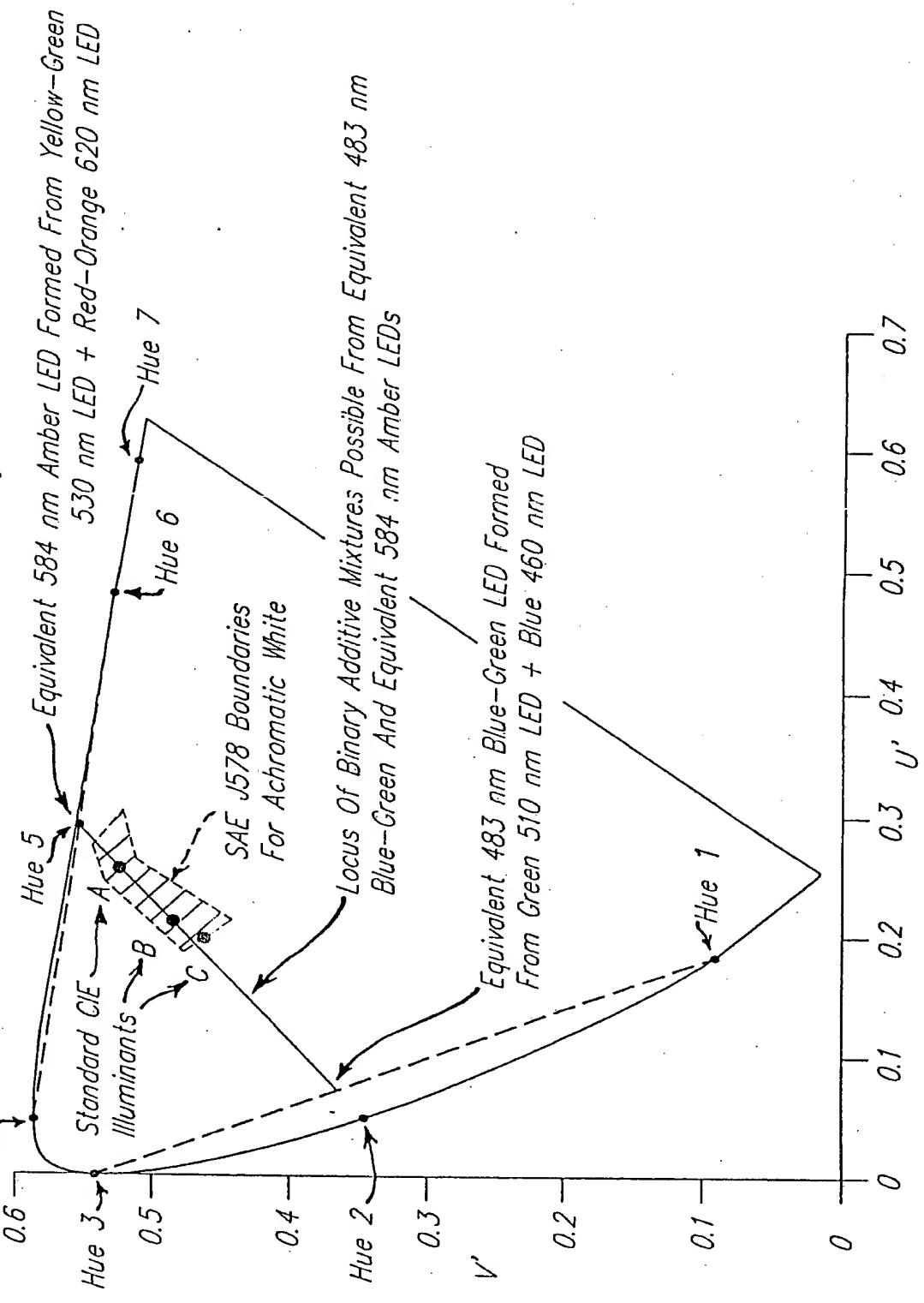
*CIE 1976 UCS DIAGRAM*  
*Best Additive Mixture Of Two Complementary Hues From High  
 Intensity LEDs To Make A Metameric White Illuminator*

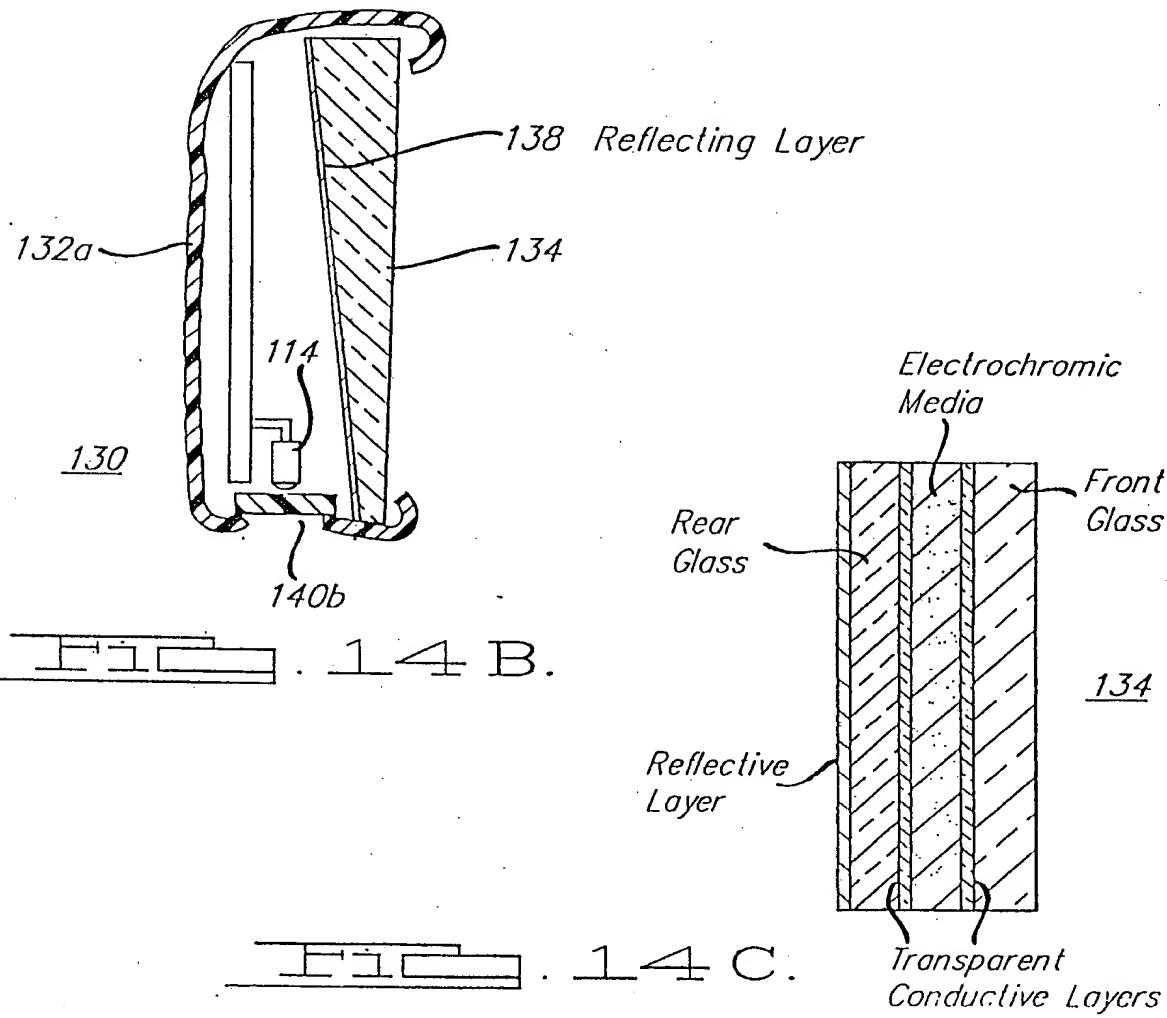
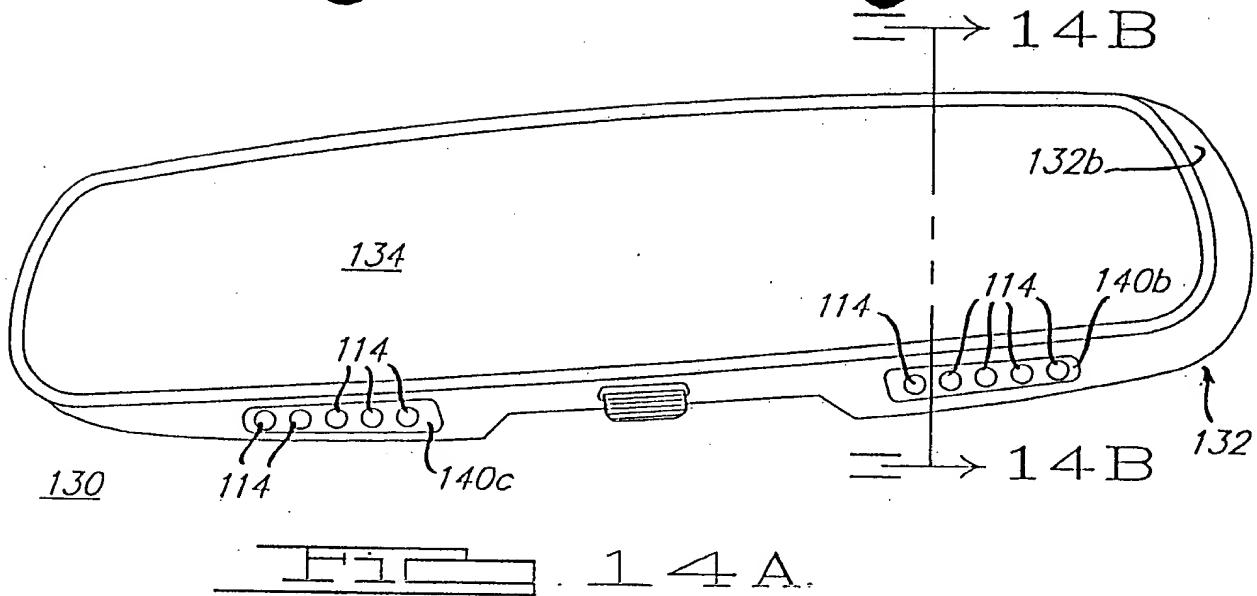


Hue . 1 2.

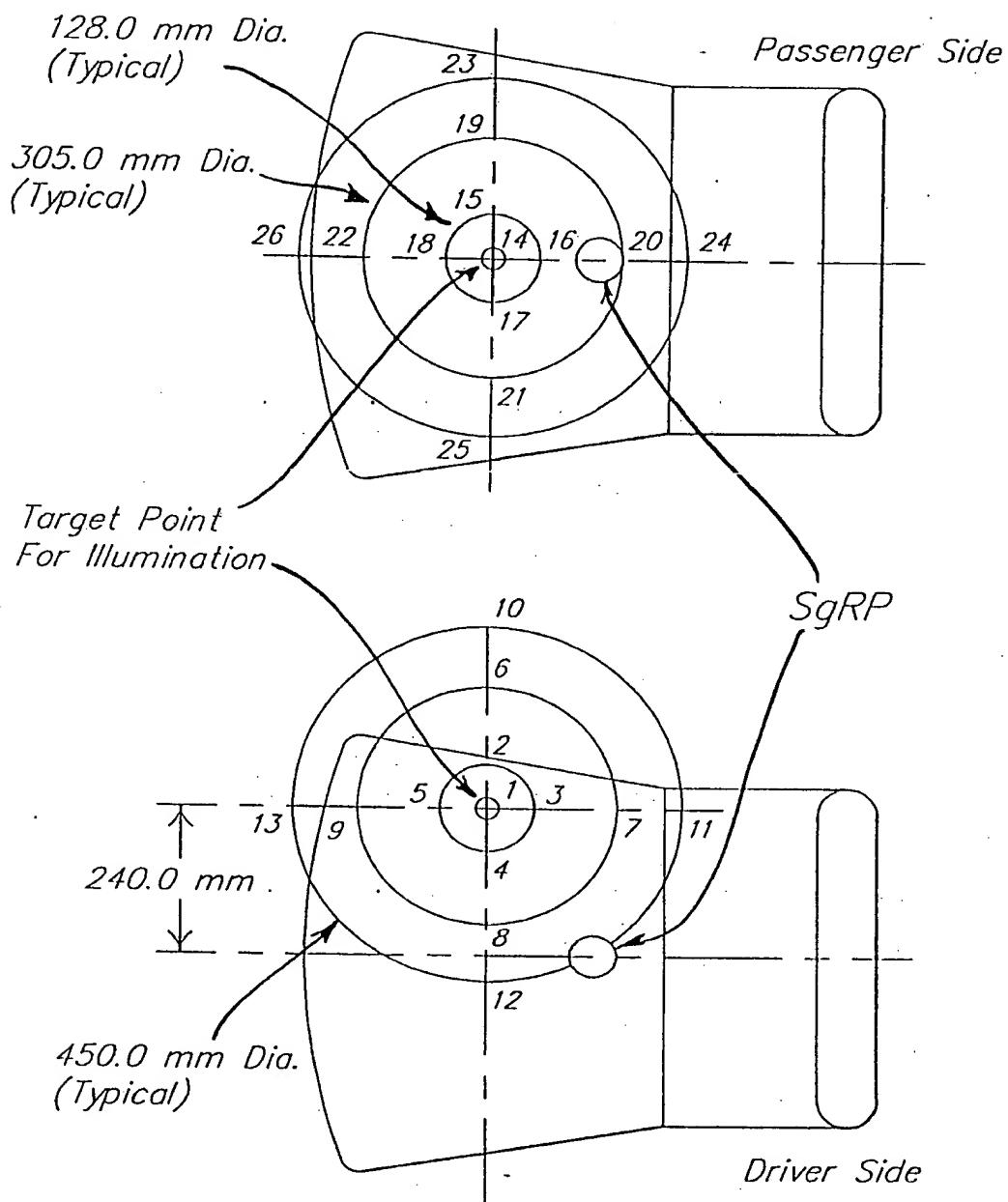
### CIE 1976 UCS DIAGRAM

Additive Mixture Of Two Complementary Hues From High Intensity LEDs In A Metameric White Illuminator Where Equivalent Complements Are Formed From Non-complementary Additive Mixtures



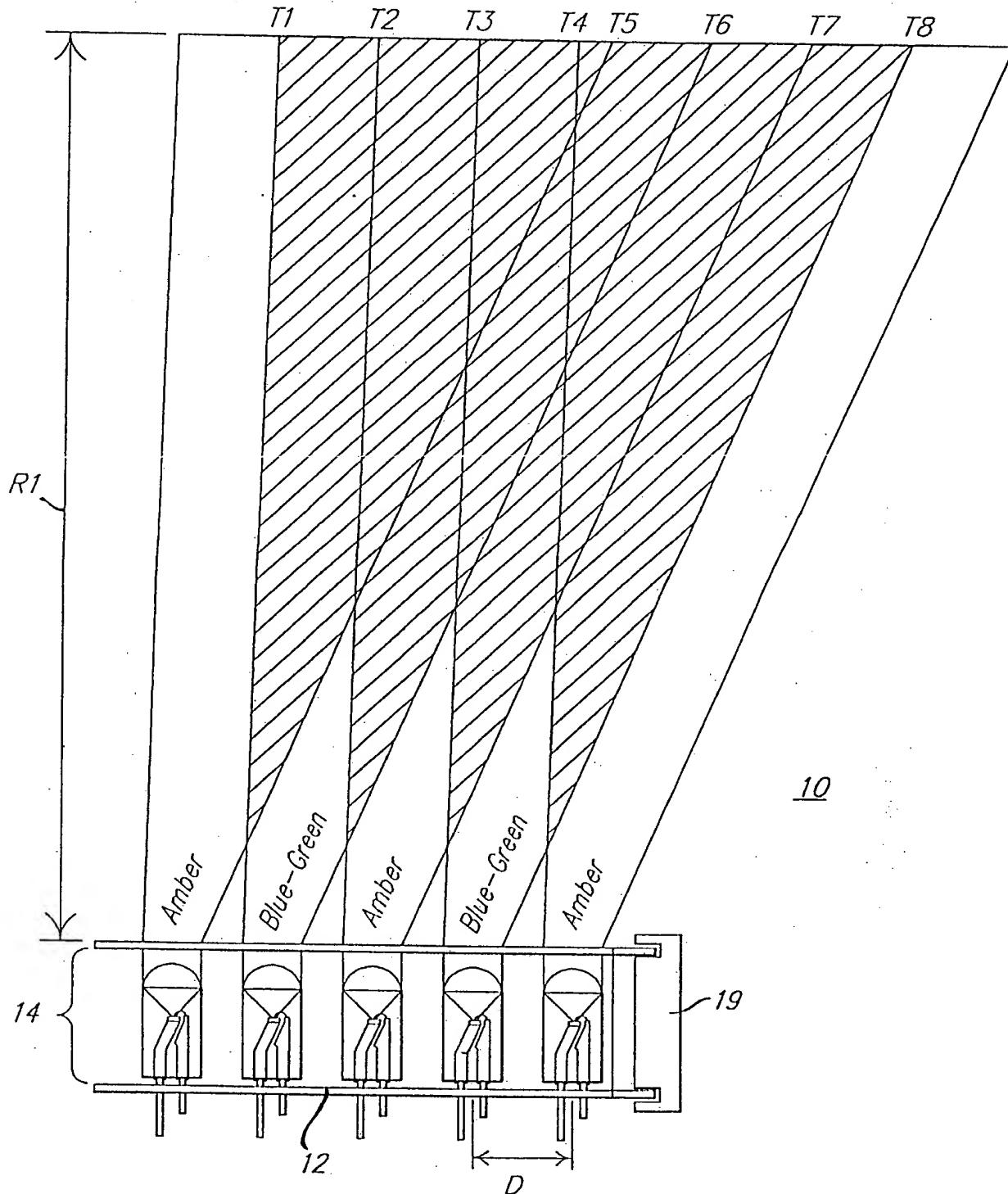


MIRROR WITH INTEGRAL LAMP ONLY



15.

*Effective White Illumination Projected At A Distance, R1*

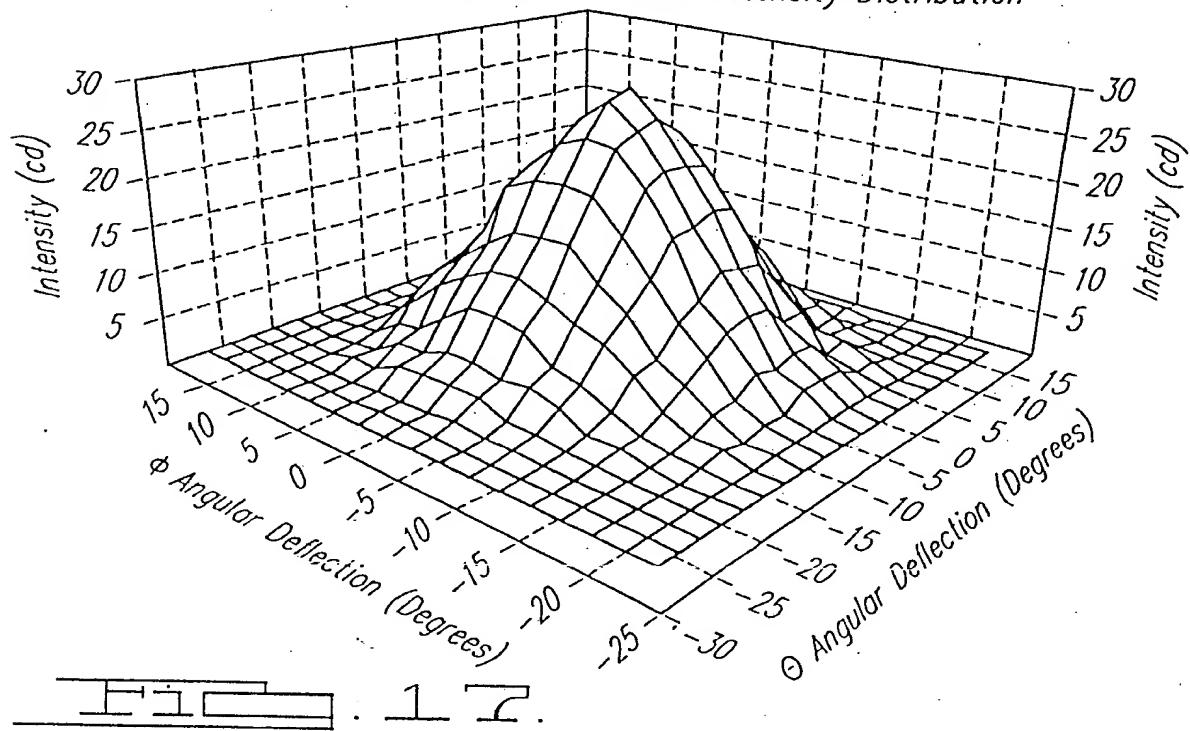


$$R_1 \geq 20 \times D \text{ (Far Field)}$$

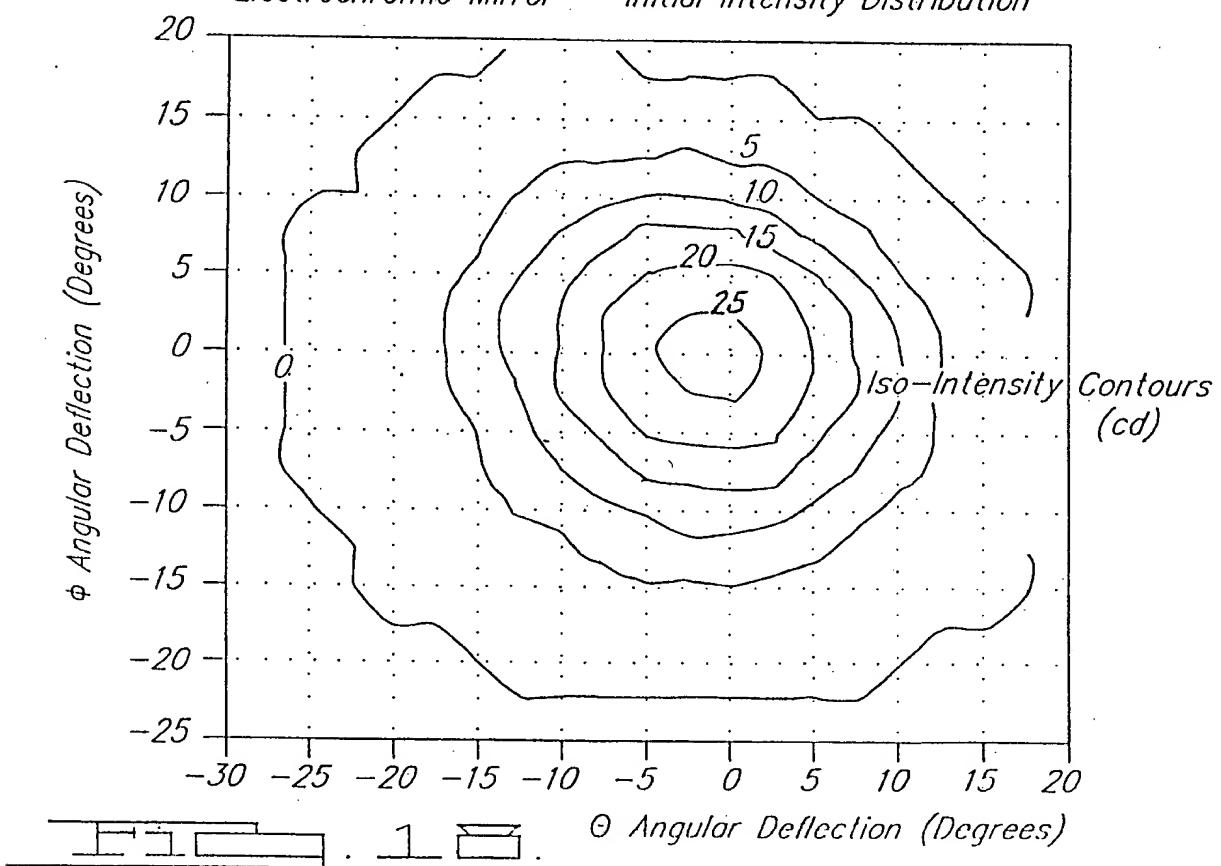
$R_1 = 22"$  For Interior Mirror Maplight

$D = 0.4$  Inches For Interior Mirror Maplight

Binary-Complementary Metameric-White LED Light For Interior  
Electrochromic Mirror Initial Intensity Distribution



Binary-Complementary Metameric-White LED Map Light For Interior  
Electrochromic Mirror Initial Intensity Distribution



Binary-Complementary Metameric-White LED Map Light for Interior Electrochromic Mirror  
Initial Illumination Pattern At Target Distance = 22"

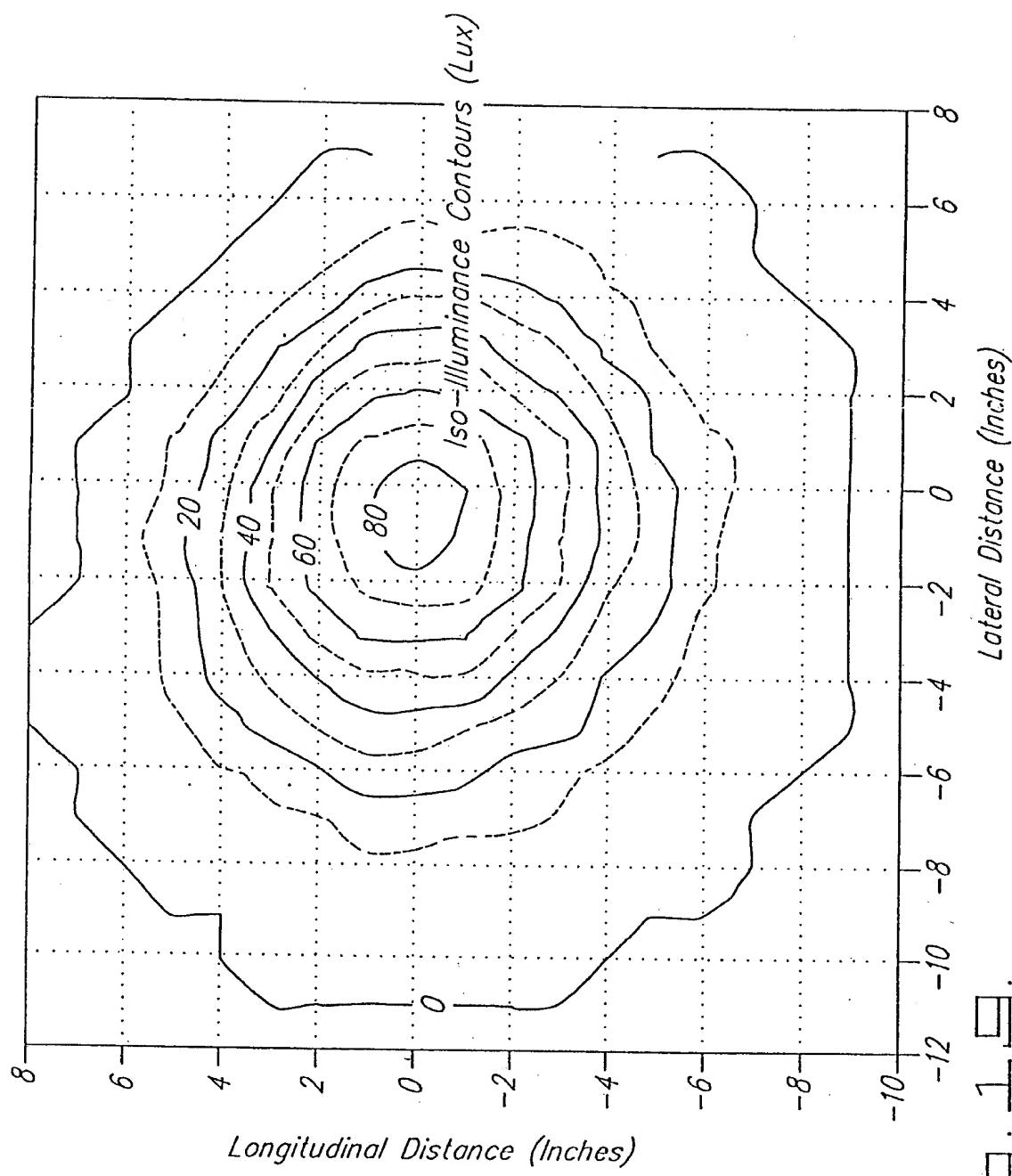
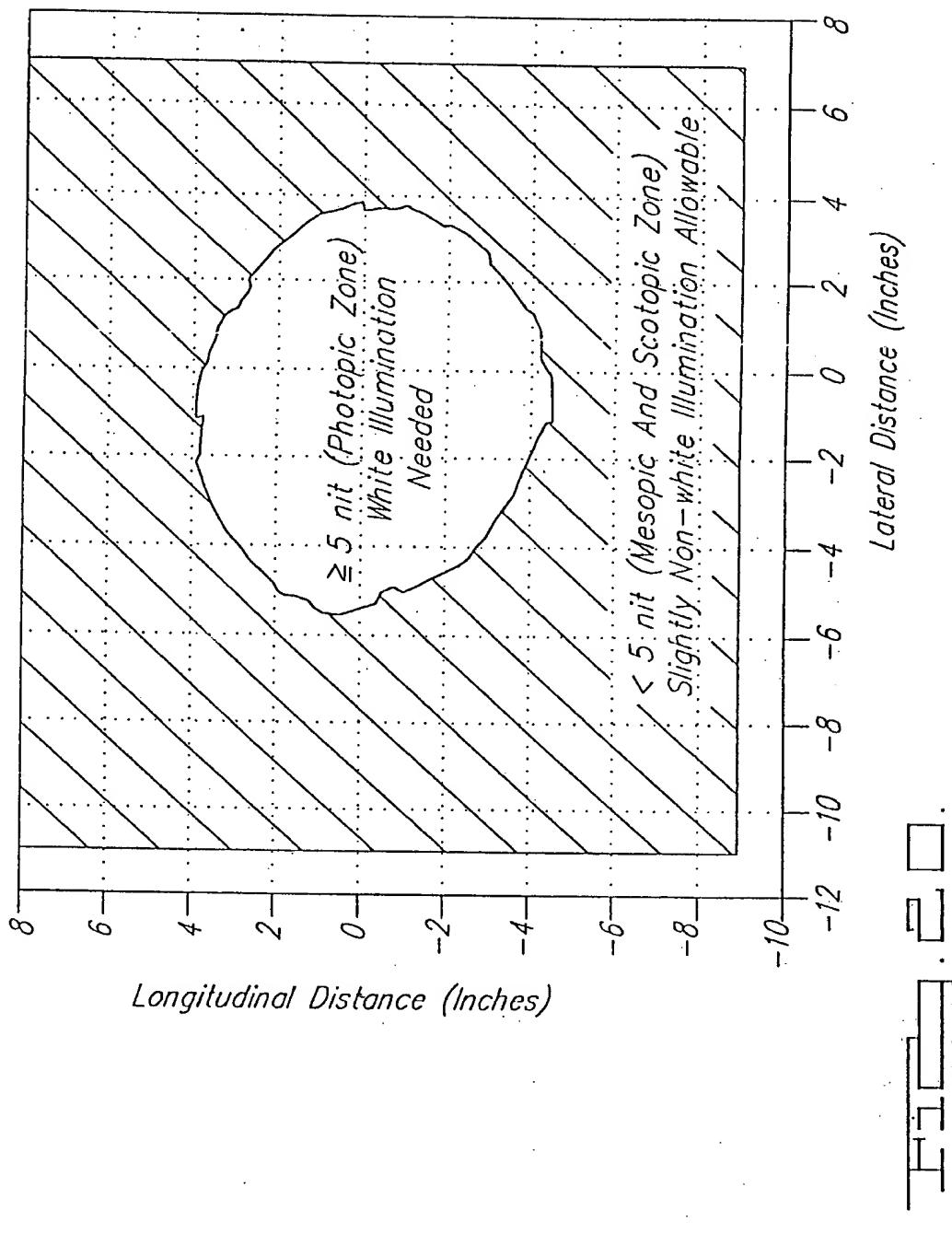


FIGURE 1.

*Binary-Complementary Metameric-White LED Map Light for Interior Electrochromic Mirror  
Initial Surface Luminance Map For 50% Neutral Gray Lambertian Target At Distance = 22"*



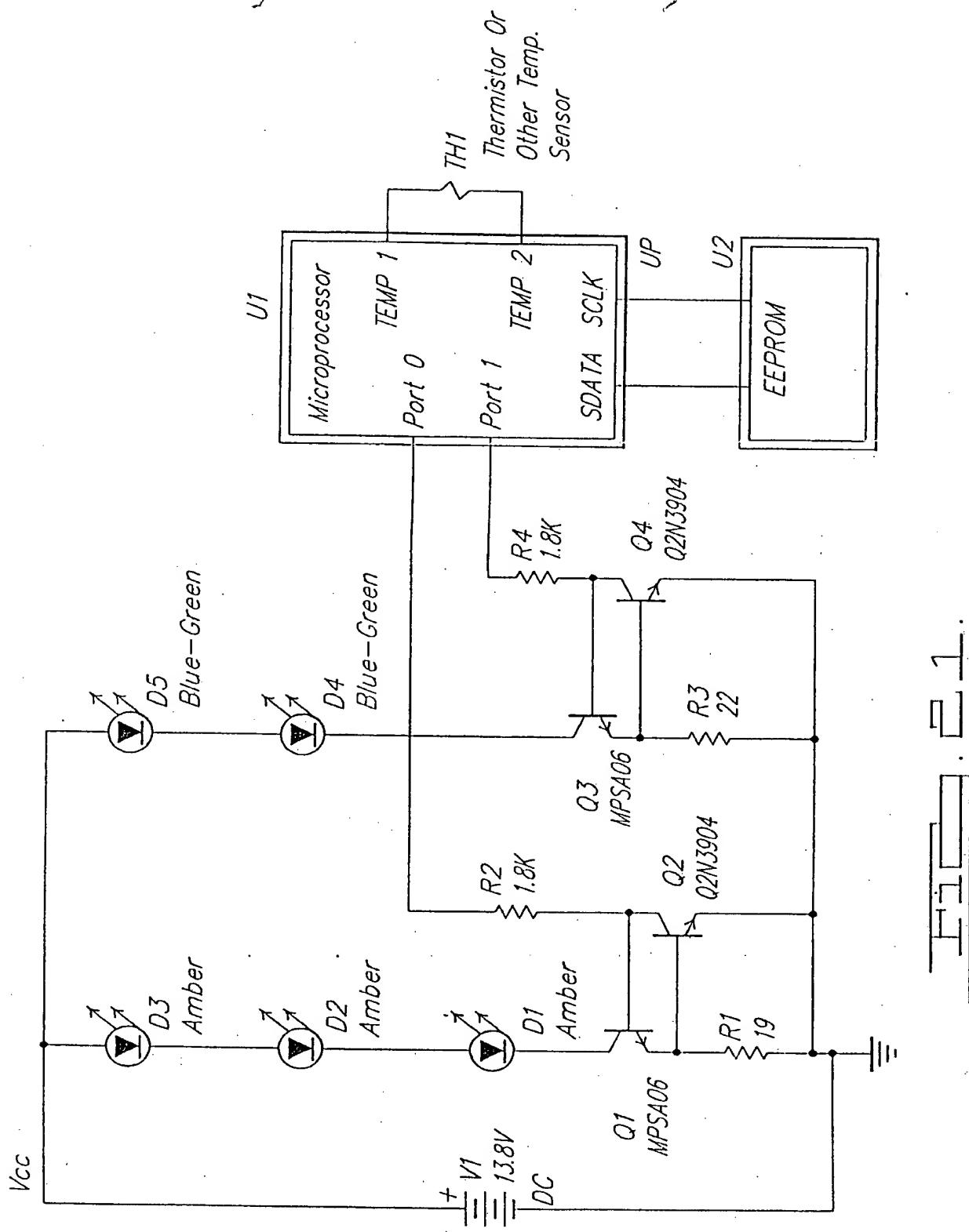
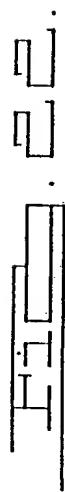
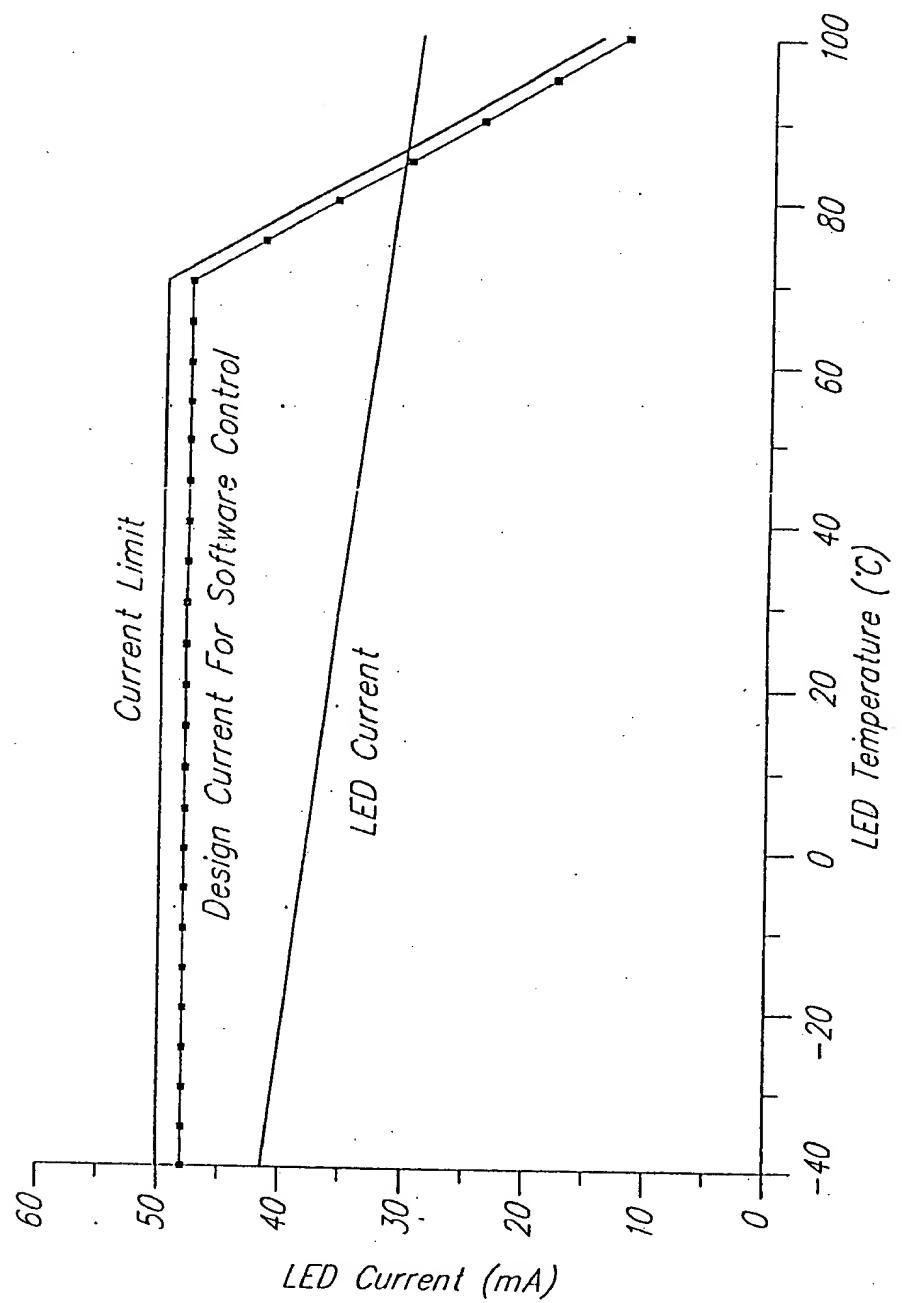
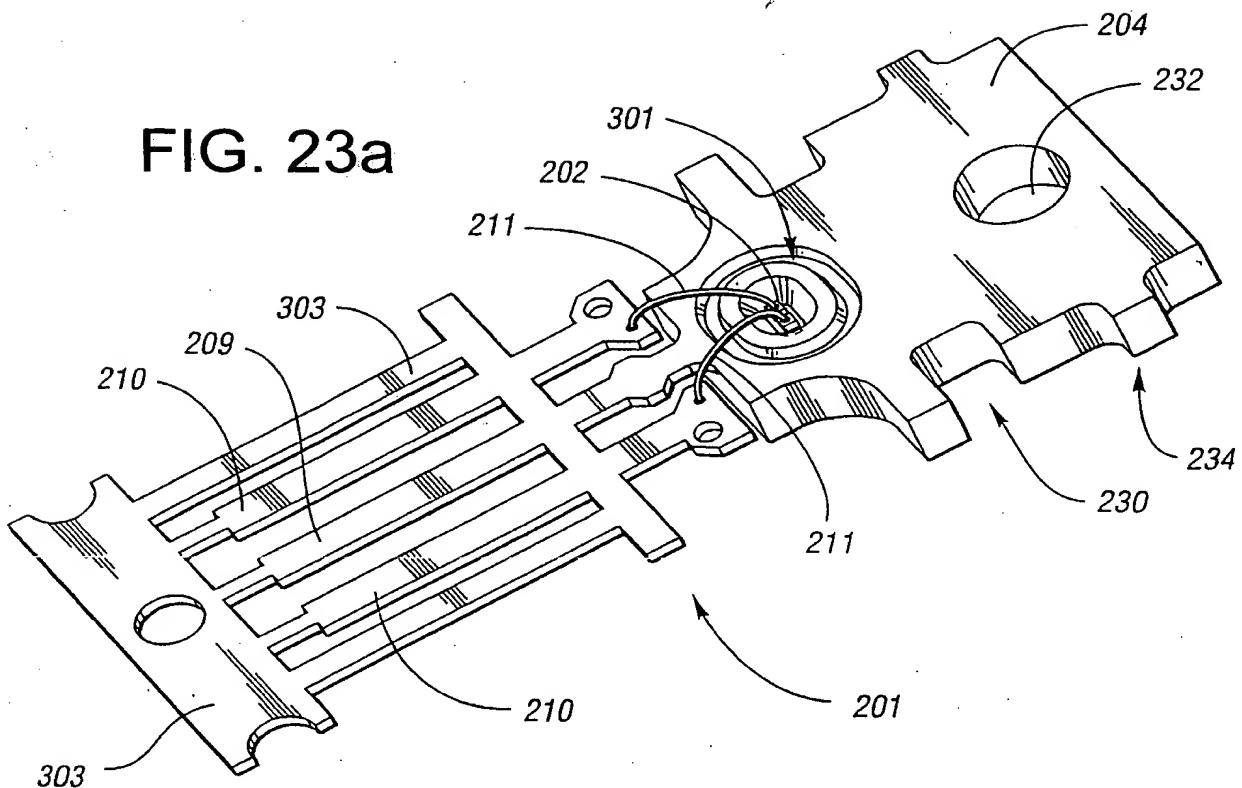


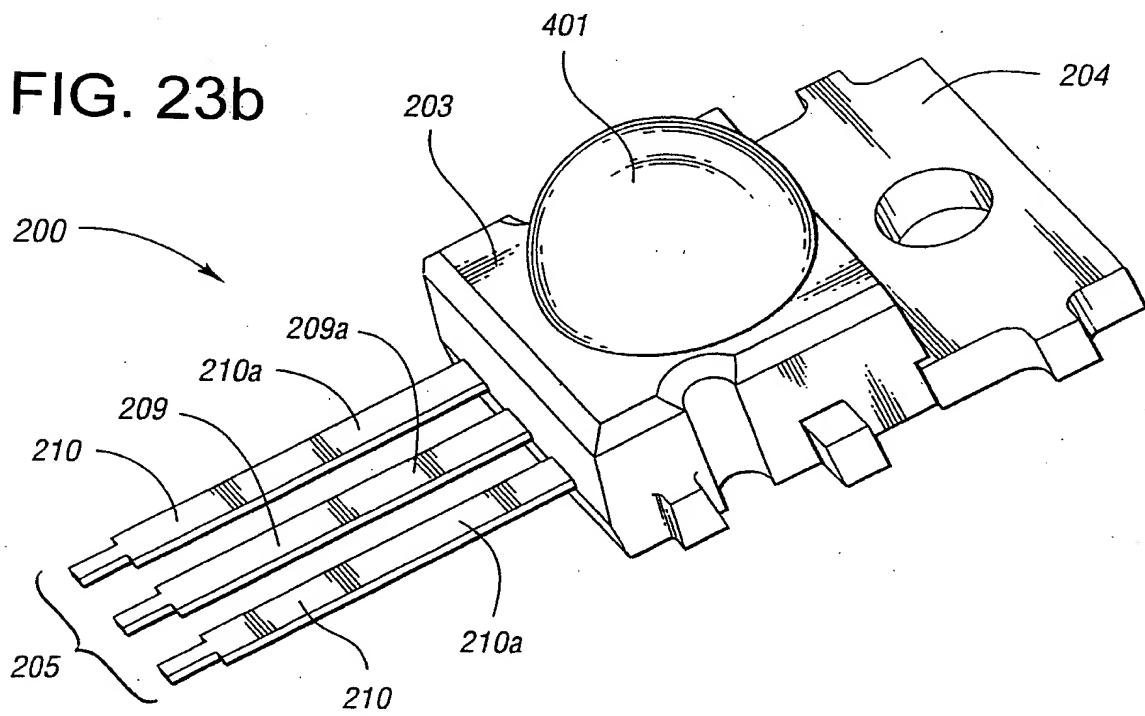
Fig. 1.

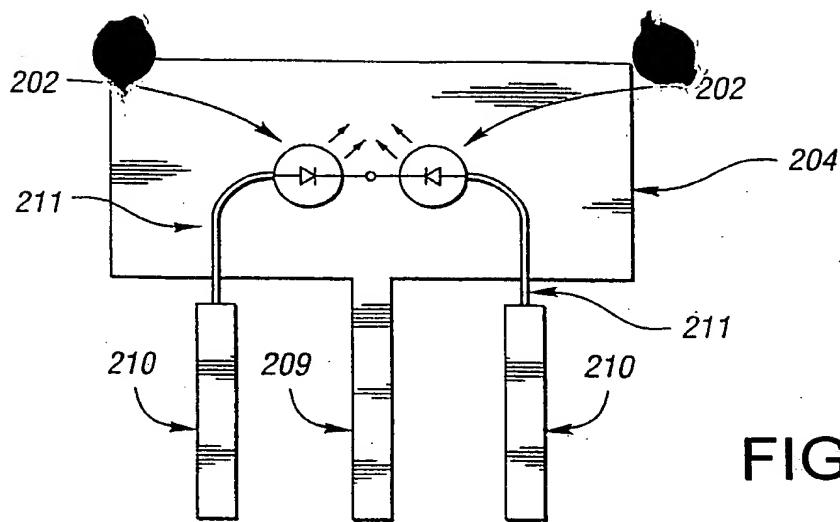


**FIG. 23a**

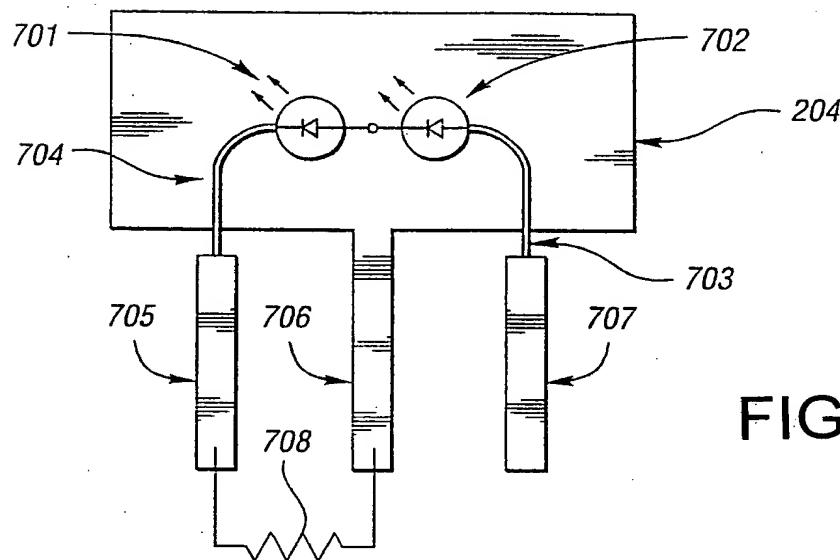


**FIG. 23b**

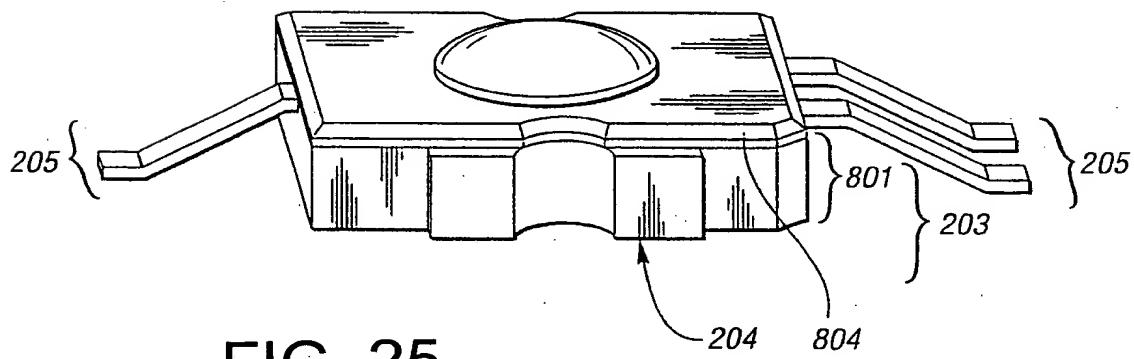




**FIG. 24a**

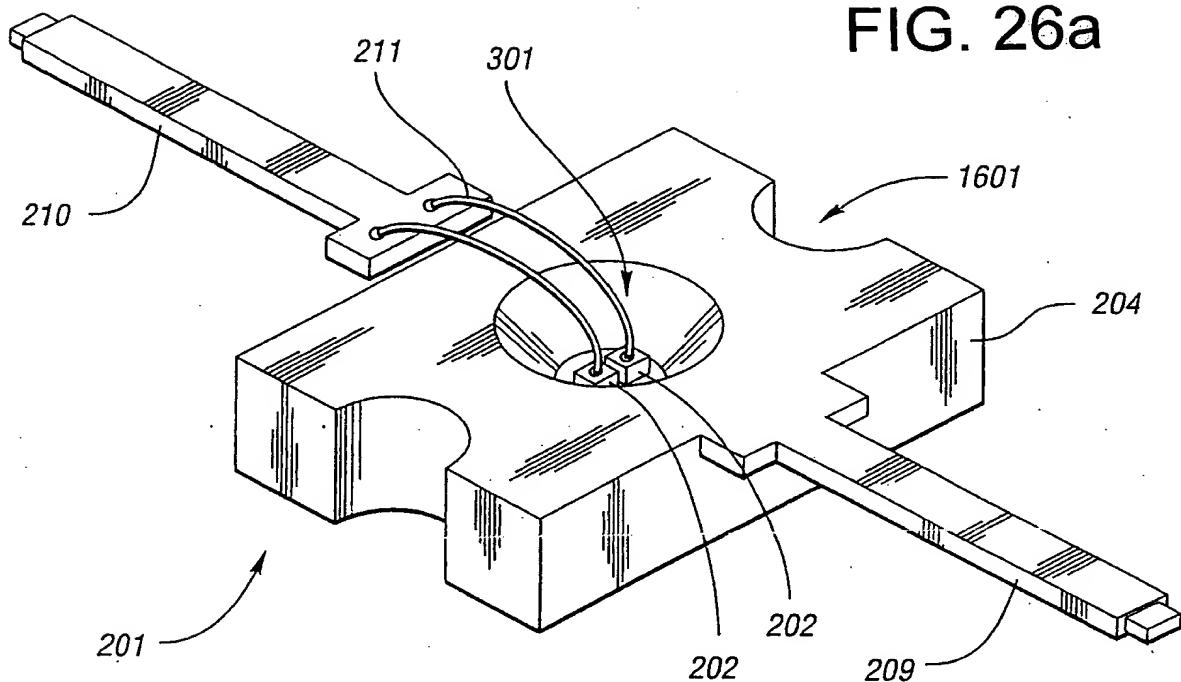


**FIG. 24b**

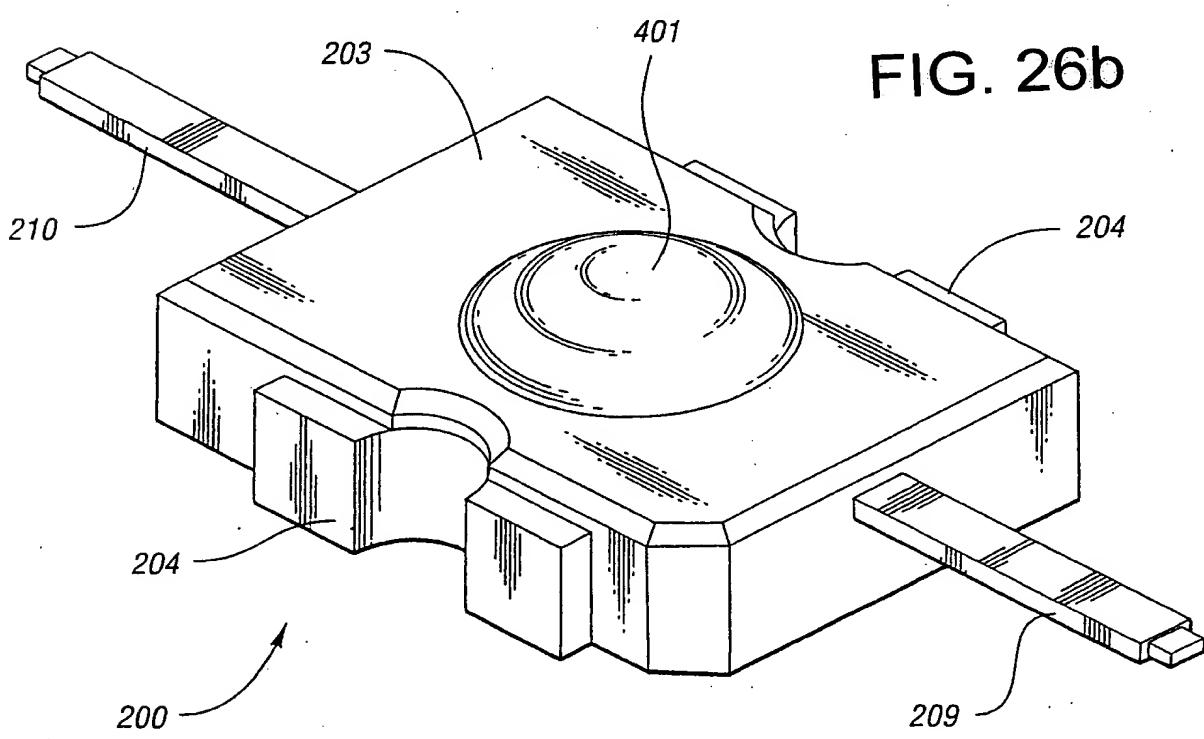


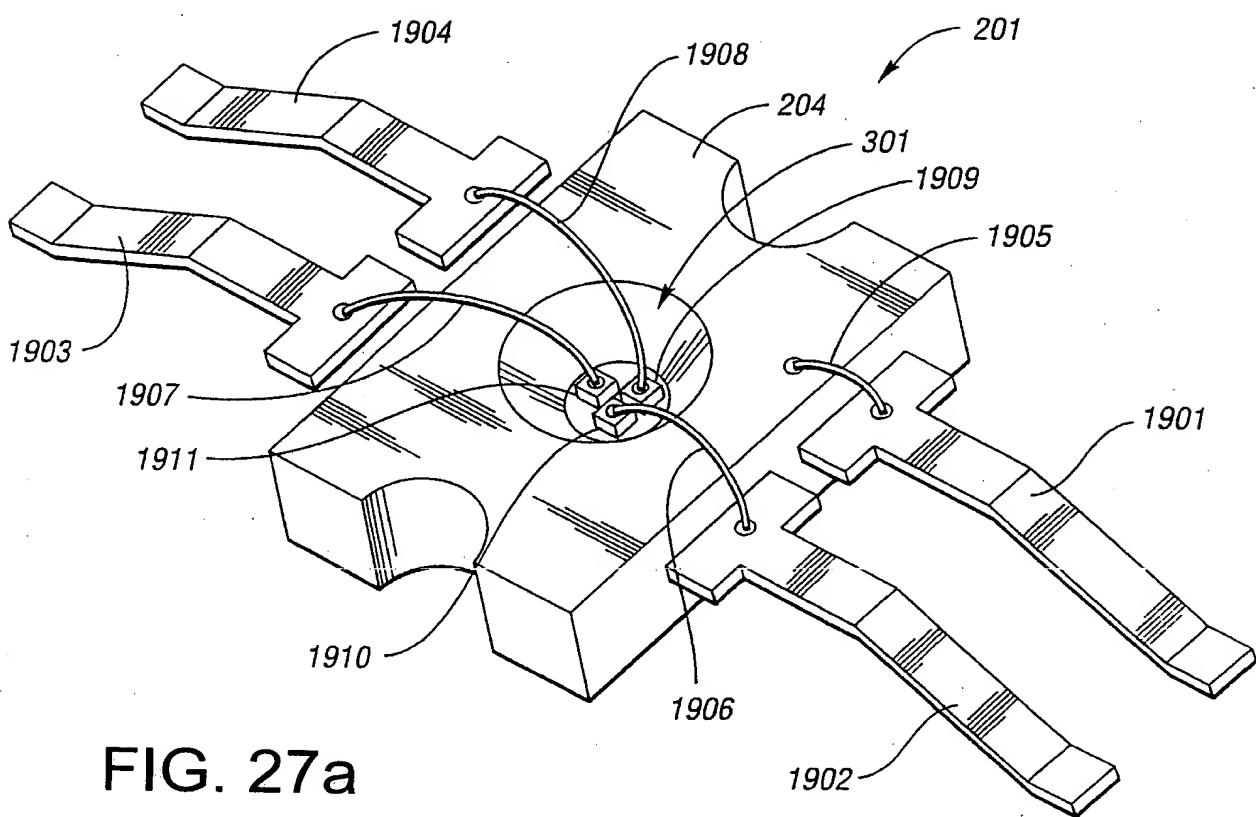
**FIG. 25**

**FIG. 26a**

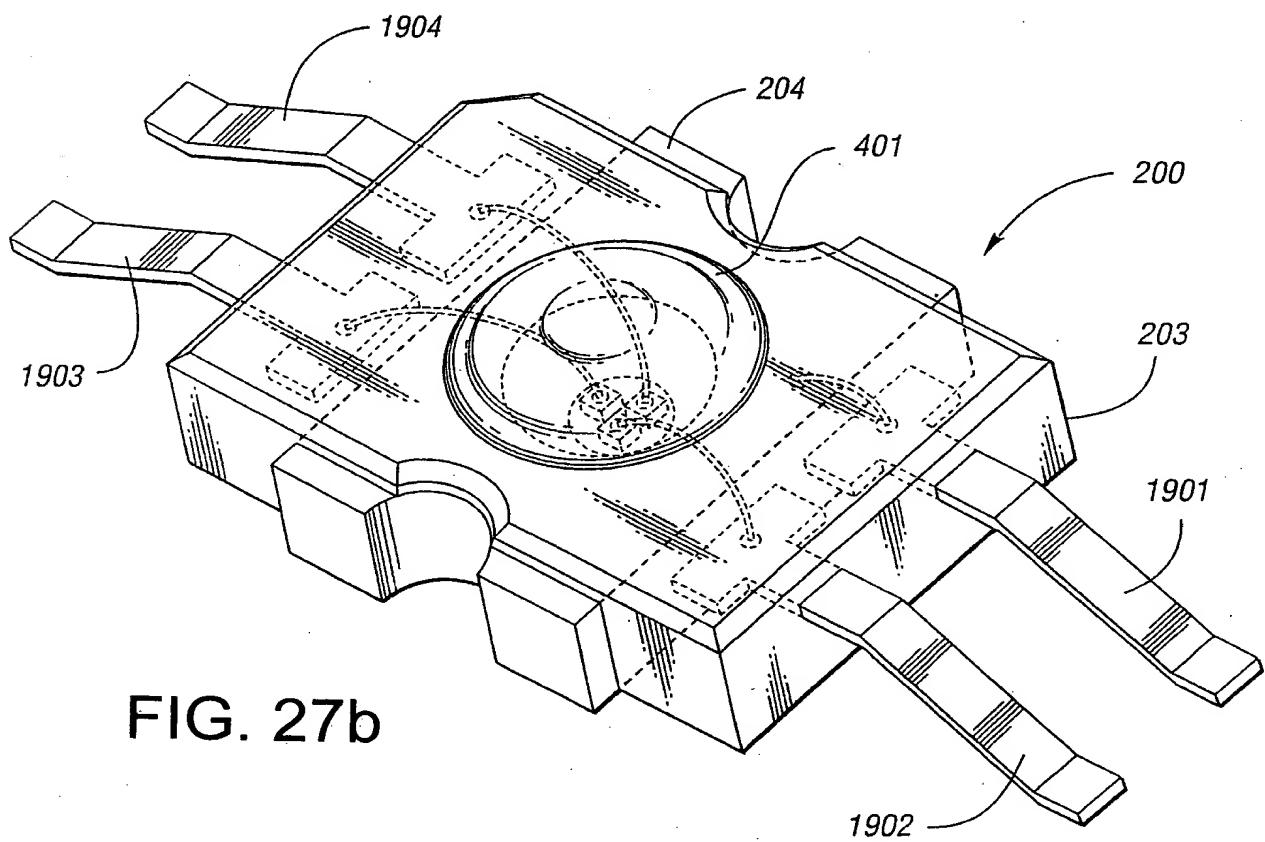


**FIG. 26b**





**FIG. 27a**



**FIG. 27b**

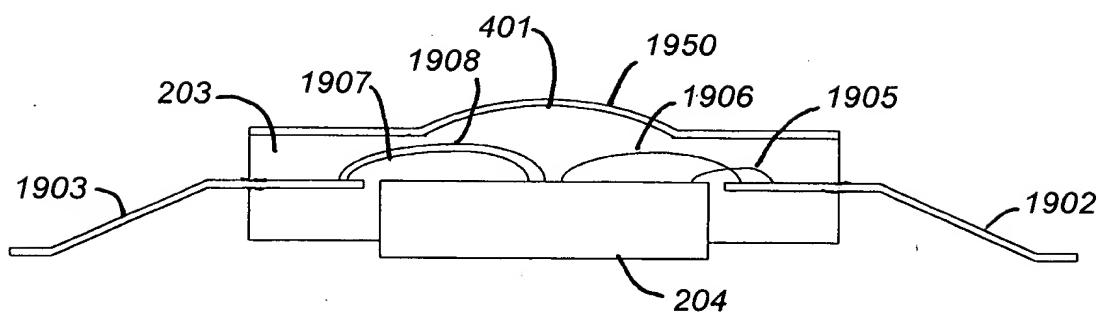


FIG. 28

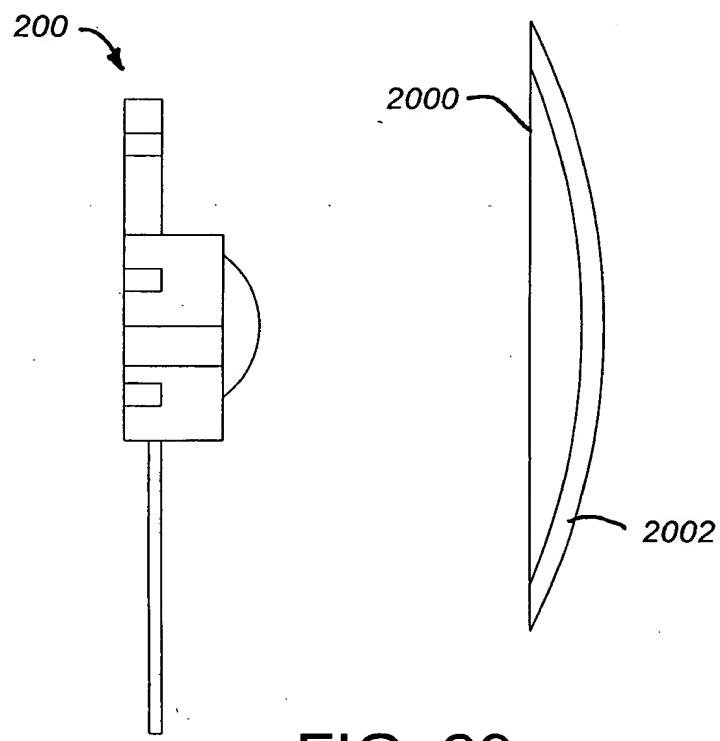


FIG. 29

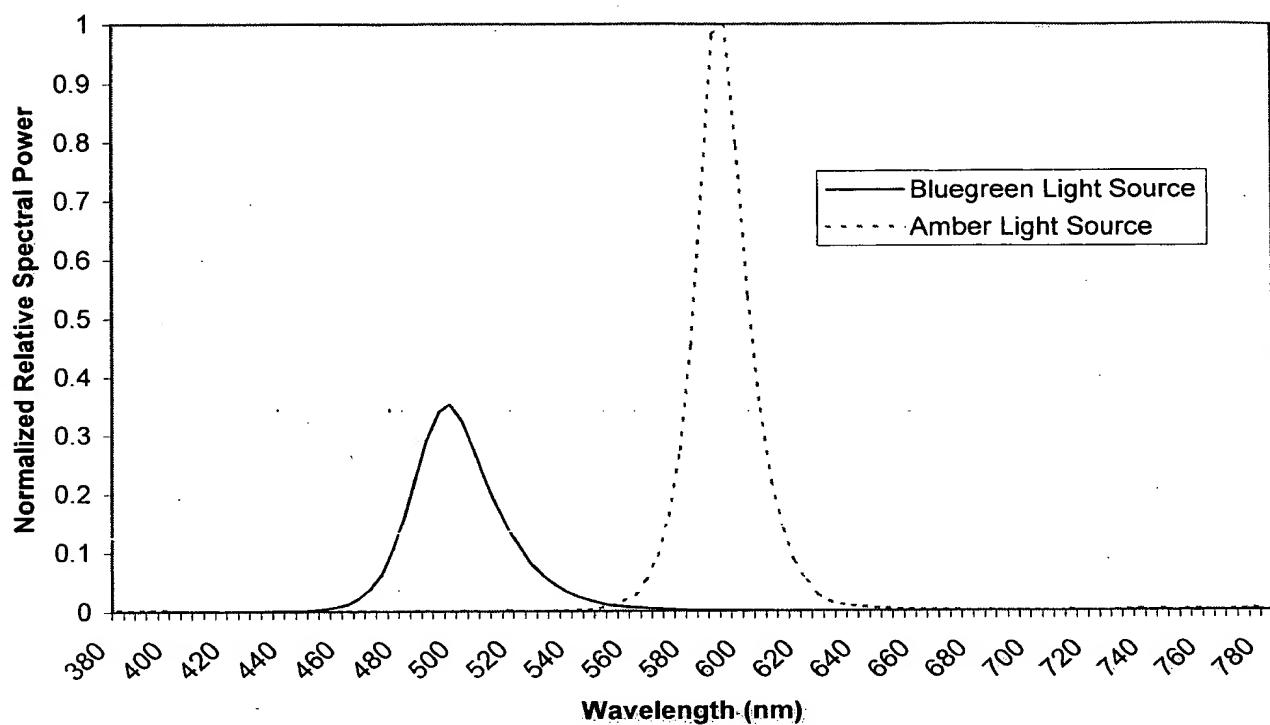


FIG. 30

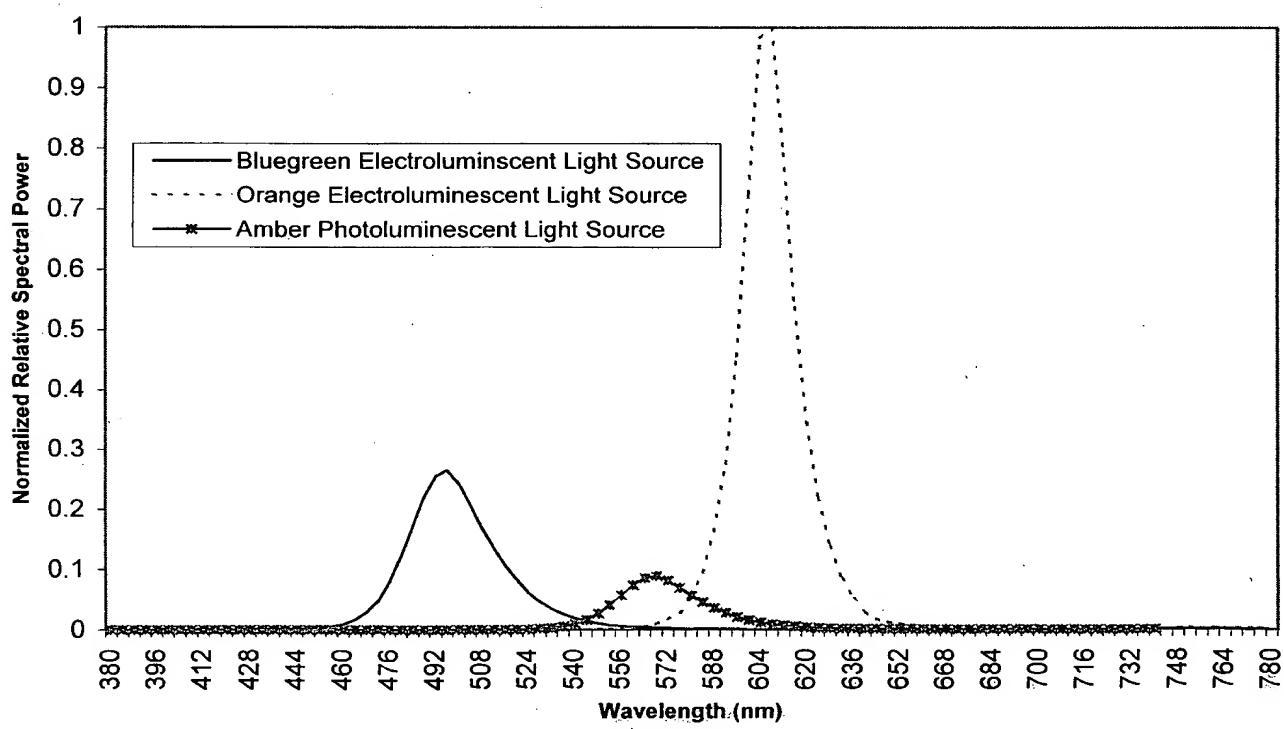


FIG. 31A

Sum

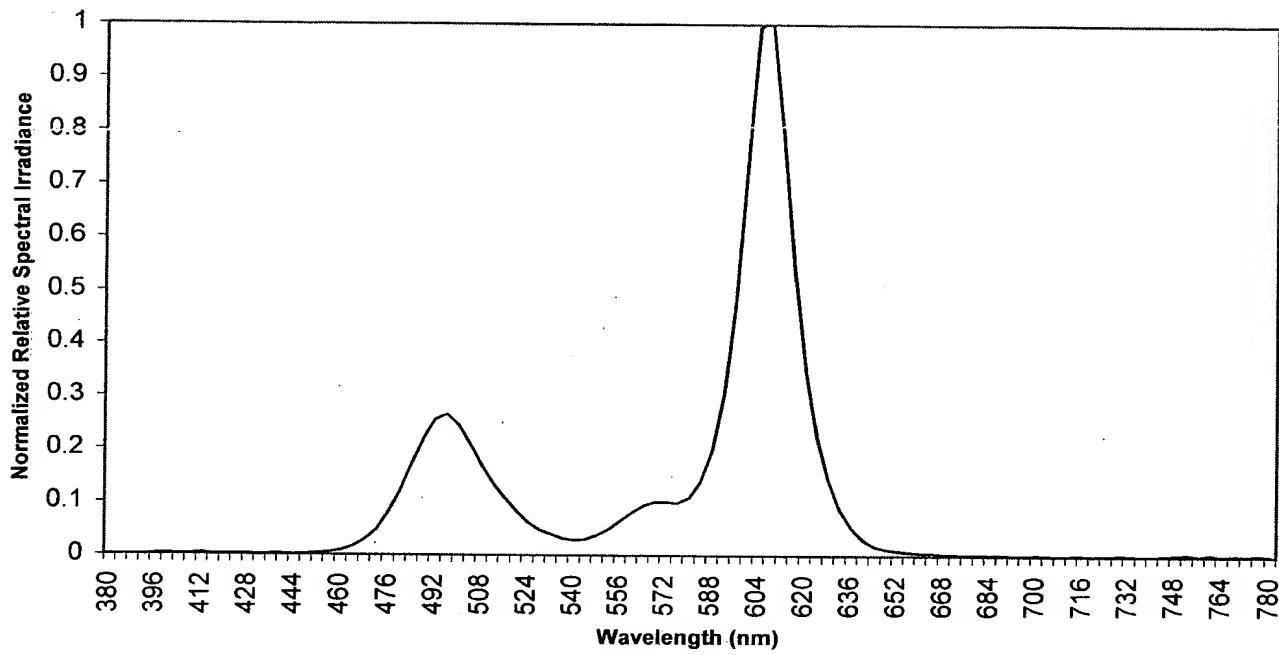


FIG. 31B